10554 - 10649

HANDI NOTES

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Arthur Cronquist
New York Botanical
Garden
Bronx, New York 10458

Twp. 13 S., R. 69 E., S. 25,

0554 - April 5, 1961
Nevada, Clark Co. Rocky, sandy soil on gentle southeast slope at Riverside junction, 10 miles west-southwest of Mesquite. Elevation 1800. Stems flexuous. Stems and leaves prostrate or scrambling in low shrubs (Ephedra, Ambrosia). Petals rich lavender to nearly white, with an orange-haired basal gland surrounded by a yellow spot and surmounted by a purple crescent.
Calochortus flexuosus S. Wats.

U. 590
Calochortus alt. flexuosus (11)

10555 - April 5, 1966.
Nevada, Clark Co. Gravelly road-shoulders at Riverside junction, 10 miles west-southwest of Mesquite, Twp. 13 S., R. 69 E., S. 25. Elevation 1800'. Possibly a true annual instead of a winter-annual.

Eriogonum insigne S. Wats.
det. James Reveal

Eriogonum (2) ✓

10556 - April 5, 1766
Nevada, Clark Co. Gravelly clay slopes and gullies in Tarbadesert 2 miles southwest of Glendale. Twp. 15S., R. 66E., S. 10. Elevation 1800'.
Plants irregularly distributed but fairly abundant, malodorous. Corolla bright lavender-purple.

Phacelia pulchella Gray var. goodingii (Brand) J.T. Howell

Phacelia (25) ✓

10557 - April 5, 1966
Nevada, Clark Co.
Gravelly soil in a dry wash in Lanfair desert 2 miles southwest of Glendale. Twp. 15 S., R. 66 E., S. 10. Elevation 1800'.
Corolla limb white, with 2 small purple spots at the base of each lobe, the tube yellowish. Plants thinly scattered.

Linanthus demissus (Gray) Greene

Linanthus (6)

10558 - April 5, 1906
Nevada, Clark Co. Gravelly clay soil on benches in Las Vegas desert 2 miles southwest of Glendale. T. 19 S., R. 66 E., S. 10. Elevation 1800'. Plants branched at the base when well developed, the branches as large as or larger than the central stem, curved-ascending from a prostrate base. Flowers yellow. Abundant here.

Lesquerella palmeri Wats.

Lesq. palmeri (35) ✓

10559 April 5, 1946
Nevada, Clark Co.
Clay slopes in Las Vegas
desert 2 miles southwest
of Glendale. Twp. 15 S.,
R. 66 E., S. 10. Elevation 1800'
Petals pale yellowish,
almost white. Only
a few plants seen.

Mentzelia tricuspis Gray

Mentzelia (3)

10560 - April 6, 1966
Nevada, Clark Co.
In a broad, gravelly dry wash overlooking Lake Meade, 8 miles northeast of Hoover Dam. Twp. 21S., R. 64E.
Elevation 1500'.
Flowers bright pink-purple, with a conspicuous yellow spot at the base of the lower lip and running down onto the tube.

Mimulus bigelovii Gray

Mimulus 20 ✓

10561 - April 6, 1966
Arizona, Mohave Co
Brushy, semi-desert slopes
with Berberis fremontii,
Ceanothus greggii,
Nolina, and mixed grasses,
15 miles east of Kingman.
Near the Corner of Twps. 20 + 21 N.,
R. 14 + 15 W.
Elevation about 4500'
Herbage glaucous. Flowers
coral red

Penstemon subulatus Jones

Penstemon (10) ✓

10562 - April 6, 1966
Arizona, Mohave Co.
Kingman, semi-desert
slopes with Berberis
fremontii, Rhus,
and mixed grass,
15 miles east of Kingman.
Near the corner of Twps. 20 & 21 N.,
R. 14 & 15 W.
Elevation about 4500'.
Shrubs 1-2 m. tall. Sepals
and petals white.
Carpels 3.

Lesquerella gregggii A. Gray

Lesquerella 5 V

10563 - April 6, 1936
Arizona, Mohave Co.
With scattered junipers
on gravelly knolls
along the Santa Fe tracks,
22 miles west of Kingman.
Twp 20 N., R. 14 W., S. 21.
Elevation about 3800.
Shrubs 1-2 m. tall.
Flowers dull lavender

Sophora arizonica Wats.

Sabatia (16) ✓

10564 April 7, 1964
Arizona, Mohave Co.
Same place as 10563.
Flowers bright pink-
lavender, the throat
yellowish as seen from
outside.

Gilia cana (Jones) Heller,
sens. lat.

Gilia effusa subsp. (15)

1052 collected July 7, 1922 -
Same plant as 1053
Flowers white or with
faint lavender streaks,
closed in the day time,
opening in the evening.

Linanthus dichotomus
Benth.

15 Linanthus (4) ✓

10566 - April 7, 1906
Arizona, Mohave Co.
Rocky granitic soil in
Larrea - Fouquieria com-
munity along a ridge
near the Big Sandy River,
a little north of Spring
Wash, 38 miles south-
east of Kingman. Twp.
13 N., R. 13 W., near the
corner of sections 15, 16
21 and 22. Elevation 2900'
Flowers rich blue, the ban-
ner with a bi-partite central
yellow spot that is streaked
with rusty red and sur-
mounted or surrounded by white
Lupinus argenteus Pursh
Lupine (10) ✓

10567 - April 7, 1966
Same place as 10526.
Disk yellow. Rays
mostly about 13, or
only 8 on smaller plants,
white or faintly
lavender.

Monoptilon bellioides (A. Gray)
Hall

Monoptilon (5)

10568 - April 7, 1906
Same place as 10566
Disk yellow. Rays
bright white, mostly
about 8, or on smaller
plants only 5 or 3.

Eriophyllum lanosum
A. Gray

white Eriophyllum 7 ✓

10569 - April 7, 1906
Arizona
Same plant as 10566
Stem flexuous, weakly ascending. Petals lavender, with a basal purple spot, the gland covered with red or mixed red and orange hairs, surrounded by an ill-defined yellowish area, and sometimes surmounted by a purple spot.

Calochortus flexuosus
S. Wats.

Calochortus

(5)

10570 - April 7, 1966
Arizona, Mohave Co.
In light shade of shrubs
on rocky, granitic slopes
in Larrea-Fouquieria-
Cercidium desert
west of Big Sandy River,
a little north of Spring
Wash, 38 miles southeast
of Kingman. Twp. 15 N., R. 13 W.,
near the corner of sections
15, 16, 21 and 22. Elevation
2500' Plants soft,
brittle. Flowers rather
pale blue-lavender.

Phacelia distans Benth.

Phacelia 237 ✓

10571 - April 7, 1966
Arizona, Yavapai Co.
open, rocky, granitic
west slope in Larrea-
Fouquieria-Cercidium
desert west of Big
Sandy River, a little
north of Spring Wash,
38 miles southeast of
Kingman. Twp. 18 N.,
R. 13 W., near the corner
of sections 15, 16, 21 and
22. Elevation about 2900'.
Flowers lavender-pink,
with a yellowish throat.
Gilia inconspicua (Smith)
Sweet, scus. lat.

(6)

10572 - April 7, 1966,
same plant as 10571.
Flowers white or
light blue.

Brodiaea capitata Benth.

Brodiaea (5) ✓

10573 - April 7, 1900
Same place as 10571.
Buds nodding. Heads
erect. Corolla white,
the lobes dull lavender.

Chaenactis macrantha
D.C. Eat.

Ch. macrantha (?) ✓

10574 - April 7, 1962
Lamapelas to 10571.
Flowers bright yellow

Mentzelia nitens Brand
var. jonesii (Urb. & Gilg)
Darlington

Mentzelia (4) ✓

10575 - April 7, 1906
same place as 10571

Stylocline micropoides
A. Gray

Filed (5) ✓

10576 - April 28, 1906
Arizona, Mohave Co.
In sandy soil in shade of
shrubbery in Larrea -
- Cercidium - Lycium
desert a little east of
Big Sandy River, opposite
Spring Wash, 40+ miles
southeast of Kingman.
Twp. 18 N., R. 13 W., S. 25.
Elevation 2600'.

Thelypodium lasiophyllum
(H. & A.) Greene

~~Thelypodium lasiophyllum (H. & A.) Greene~~

Cruc. 7 (4)

10577 - April 8, 1966
Same place as 10576.
Petals pinkish and
wilted in mid-morning,
presumably open and
white at night.

Oenothera chamaenerioides
A. Gray

Small Oe. [illegible] 3

10578 - April 8, 1966
Arizona, Mohave Co.
Dry sandy soil in
Larrea - Coleogyne - Lycium
desert ... elev. ca. in 1057 6.
Flowers white, open at
night, wilting and
turning pinkish in the
morning. Stems of some
plants strigose, of ..
others minutely glandular -
- puberulent with
spreading hairs, of
... finely and loosely
pubescent but scarcely
glandular.
Oenothera clavaeformis Torr.
& Frem.
var. aurantiaca (Wats.) Munz
large ... plants (D) ✓

10579 - [illegible]
Same place as 10578.
Flowers light yellow,
open at night, wilting
in the morning.

Oenothera primaveris
Gray

yellow Evening (1)

10580- April 8, 1966
Arizona, Mohave Co.
Red, sandy conglomerate
slopes and ridges in
Larrea-Cercidium
desert near the Big Sandy
River, opposite Spring
Wash, 40+ miles south-
east of Kingman.
Twp. 18N., R. 13W., S. 25.
Elevation about 2600'.
Flowers lavender purple,
the keel darker than the
banner.

Astragalus amphioxys Gray
var. amphioxys
det. R. C. Barneby
Astragalus (6) ✓

10581 April 8, 1966
Same plant as 10580.
Flowers bright yellow

Lotus rigidus (Benth.)
Greene

"Hawaii"

10562 — april 8, 1966
same place as 10580.
Flowers light yellow,
sometimes also faintly
anthocyanic.

Eriogonum thomasii Torr.

det. James Reveal

Eriogonum (4) ✓

10583 - April 8, 1966
Same plant as 10580.
Flowers blue-lavender.
Growing with # 10584,
Inconspicuous, but
evidently distinct.

Gilia scopulorum Jones

Gilia - Dar.

(5)

10584 - April 8, 1912
Same place as 10580.
Flowers white, or faintly
anthocyanic outside.
Growing with # 10583
G. scopulorum, but
evidently distinct.

Gilia inconspicua (Smith)
Sweet, sens. lat.

white Gilia (4) ✓

10533 - April 8. 1966.
Same place as 10580.
Flowers white, the
tips of the 3 lobes of
the apparent upper
lip brown-purple.

Nemacladus glanduliferus
Jeps.
var. orientalis McVaugh

Lobelioid ⑧ ✓

10586 - April 8, 1926
Same place as 10580.
Bracts scarlet.

Castilleja chromosa A. Nels.

Castilleja (3)

-10587 - April 8, 1960
Same place as 10580.
Brittle shrubs 2-6 dm
tall Flowers pale
greenish-yellow.

Galium [illegible]

2?

Galium aletatum ?

10588 - April 28, 1966
Arizona, Mohave Co.
Crevices among jumbled
granitic boulders in
Larrea-Carnegiea-Fouquieria
desert - 11 miles south
of Wikieups,
near the corner of Twps.
14 and 15 N. and Ranges 12
and 13 W. Elevation 2200'.
Shrubs upto about 5' tall. Flowers about 75
per head, faintly aromatic.

Encelia atractyloides
A. Gray

Encelia (3) ✓

10589 - [illegible] 8,196.
Lone Peak, 10538.
Stems up to about 8
dm. tall. Disk orang.
Rays yellow, commonly
[illegible] or about 13,
[illegible] to 17. Achenes
hairy, compressed but
not winged. Pappus of
two awn-scales and
several much shorter
scales.

Viguiera deltoidea
Gray
var. parishii (Greene)
Vasey & Rose

Helianthella uniflora (10) ✓

10590 - April 3, 1933.
Arizona, Mohave Co.
Gravelly soil about
granite boulders in
Larrea-Carnegiea-Fouquieria
desert 11 miles south-south-
east of Wikieup, near
the corner of Twps. 14 and
15 N., Ranges 12 and 13 W.
Elevation 2200. Aromatic
shrub or half-shrub up to
6 or 7 dm. tall. Twigs and
leaves glaucous.
Flowers mostly 35-50,
faintly anthocyanic,
almost white

Porophyllum gracile Benth.
Parryophyllum 24 ✓

10571 - April 9, 1966.
Virginia, Mariposa Co.
Crevices under granitic
boulders in Larrea-Cercid-
ium-Fouquieria desert
3 miles south-southeast
of Wishkiang. Twp 15 N.,
R. 12 W., S. 31. Elevation
2200'.

Notholaena parryi
D.C. Eat.

Chelanthes (5) ✓

10592 - April 9, 1966.
Arizona, Mohave Co.
Gravelly, granitic slopes
in Larrea-Cercidium-Fou-
quieria desert. Texas in 10591.
Flowers light bright
yellow. Plants flowering
[illegible] at least two years,
not strictly annual.

Trichoptilium incisum
A. Gray

yellow flowered (1) ✓

10573 - April 9, 1906
Cerrigona, Madison Co.
Calcareous granitic boulders
in Tanka - Fucoidium -
Fouquieria desert
etc. Rare in 1059 1.
Shrubs about 1 m. tall.

Crossosoma bigelovii
S. Wats.

Pegamum (4) ✓

10594-April 9, 1966.
Same place as 10573.
Only one plant seen.
No other Senecios here.
Heads yellow, Rays 8 or
often fewer.

Senecio lemmonii A. Gray

10595 - April 9, 1966,
Lompoc Acres 10593.
Shrubs up to about 1 m
tall. Flowers blue. Lav-
ender.

Hyptis emoryi Torr.

mint (12) ✓

10576 - April 9, 1966.
Oregon, Malheur Co.
Gravelly, granitic soil,
in Ferrea-Cercidium-Fouquieria
desert 11 miles south-south-
east of Wickiup.
Vicinity of Twps.
14 and 15 N., Ranges 12 and 13
W., Elevation 2200'.
Corolla limb bright
blue-lavender with
darker lines, the tube
and throat paler, Corolla
very nearly regular, with
a slight suggestion of
association of 3 lobes to
form a lip. Stamens unequal
Eriastrum eremicum (Jeps.)
Common (5) ✓ Main

10597 April 9, 1906
Arizona, Mohave Co.
Sandy, gravelly soil in
Larrea-Fouquieria desert
along Big Sandy Wash,
3 miles southeast of Yucca,
Twp. 17 N., R. 17 W., S. 20,
Elevation 2000'.
Flowers papery-white
faintly achroleucous.

Mentzelia tricuspis Gray

= Mentzelia (4) ✓

10578 - June 11, 1965
Meranda, Clark Co.
Along a gravelly dry wash
in Sarea desert 25 miles
southeast of Searchlight.
Twp 32S., R. 65 E., S. 7.
Elevation 2900' Corolla
pinks rich lavender
to almost white, the
throat dark purple
nectar guides.
L. aureus seen here.

Linanthus aureus (Nutt.)
Greene
var. decorus (Gray) Jeps.

Linanthus 27 V

10579 - April 11, 1966
Nevada, Clark Co.
In gravelly Las Vegas desert
2.5 miles southeast of
Searchlight, T 14 S. 32 S.,
R. 63 E., S. T. Elevation
2900'. Plants negligible.
Corolla limb white
or very faintly
lavender-tinted
throat yellowish

Gilia inconspicua (Smith)
Sweet, sens. lat.

Gilia (35)

10600- April 10, 1966
same plant as 10599
Flowers purple.

Astragalus didymocarpus
H. & A.
var. dispermus (Gray)
Barneby
det. R.C. Barneby

Astragalus 35 ✓

10601 - April 11, 1906
Same place as 10599.
Corolla minute, white.
Three nutlets 1.0 mm. long,
the fourth 1.2 mm.

Cryptantha angustifolia
(Torr.) Greene

Cryptantha (5) ✓

10602 - Cypress II, 1966.
Same plant as 10579.
Branches prostrate
or very widely
ascending. Flowers
yellow.

Lotus humistratus Greene

10603 April 11, 19[illegible]
[illegible] Co.
Usually granitic ridges
in [illegible] about 35
miles southeast of Bear
Light, a scant half-mi.
southwest of Dripping
Springs. Twp. 31S., R. 65
S. 36. Elevation 2300'.
Corolla regular,
blue-lavender, seldom
white.

Langloisia setosissima
(T. & G.) Greene

Langloisia (33)

10604 - [illegible]
Same place as 10603.
Corolla minute, white.
Nutlet solitary, axial,
tuberculate on the back,
rather sharp-edged,
2.0 mm. long.

Cryptantha utahensis
(Gray) Greene

Cryptanthe (22)

10605 - Apr. 21, 1936
Vernal Dist. 9.
Loose, gravelly, granitic slopes in Lanfair Valley about 35 miles southeast of Searchlight, a scant half mile southwest of Dripping Springs.
Twp. 31 S., R. 65 E., S. 36.
Elevation 2300.
Flowers yellow.

Oenothera brevipes Gray var. brevipes

Oenothera (14) ✓

1660 - April 12, 1966.
Nevada Clark Co.
Under the edges of granite
ledges and boulders in large desert
a small side-canyon to
Dripping Springs Canyon,
about 35 miles southeast
of Searchlight. Twp. 31 S.,
R. 65 E., S. 34. Elevation
2400'. Plants annual,
trailing and creeping,
forming tangles under
the overhang of the rock.

Pterostegia drymarioides
F. & M.

10607 - April 2, 1906
Nevada, Clark Co.,
Crevices of granite rocks
along Cottonwood Springs
Canyon - alt. 4 in 1000 ft.
Plants perennial, be-
coming shrubby to-
ward the base, appar-
ently taprooted. Corolla
buff-yellow.

Physalis crassifolia Benth.

10,054 - April 12, 1966
Nevada, Clark Co.
Open granitic slopes in
Sonora desert along
Dripping Springs Canyon
about 35 miles southeast
of Searchlight. T. Twp. 31S.,
R. 65E., S. 36, Elevation
about 2400'. Intricately
branched, broad, low,
rounded shrubs
1-1½ dm tall,
corolla orange. Twigs
glaucous.

Dyssodia porophylloides
A. Gray

Dyssodia 5 ✓

10609 - April 12, 19[illegible].
[illegible] Clark Co. In crevices of rotten granite in Mojave desert along Dripping Springs Canyon, about 35 miles southeast of Searchlight. Twp. 31S., R. 65 E., S. 36. Elevation about 2400'. Corolla yellowish in bud, white at anthesis. Leaves numerous, pitted, scarcely 0.5 mm. long.

Phacelia rotundifolia Torr.

Phacelia (6) ✓

10610 - April 12, 1966
Arizona, Mohave Co.
Open, rocky (basaltic)
gravelly (granitic) slopes
in Larrea-Ambrosia
association overlooking
Silver Creek Wash from
the south, about 4
sterling miles southeast
of Cottonwood Cliffs, Twps. 20 N,
Rs. 21 W., S. 26, Elevation
1100'. Herbage blue-
-green. Flowers
bright yellow.

Eschscholtzia glyptosperma
Glyptosperma Greene

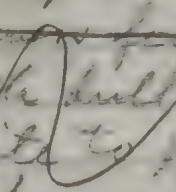
Eschscholtzia (22)

10611 - April 2, 1906
Arizona, Mohave Co.
on gravelly granite por-
phyry knolls in Sonora
Desert a scant 2 miles
southwest of Oatman,
Twp. 19N., R. 20W., S. 27.
Elevation 2400.
Plants short-lived
perennials, but probably
blooming the first year.
Peduncles slender but
stiffly ascending, the
young heads nodding.
Flowers bright lemon
yellow.
Trichoptilium incisum A. Gray
yellow Chaenactis (27) ✓

10612 - April 12, 1966
Arizona, Mohave Co.
Sand hills overlooking
the bottoms of the Colorado
River in Topock Gap, 18
miles south of Needles.
Twp. 16 N., R. 21 W., S. 2.
Elevation 700'. Half-
-shrubs, mostly 4-12 dm.
tall. Corolla white or
whitish, the styles
pink.

Palafoxia linearis (Cav.) Lag.

Palafoxia 21 ✓

10613 - April 12, 1966
Same place as 10612.
~~Fairly typical~~
~~with dull red on a~~
~~white to greenish~~
~~background.~~

Corolla-linds irregular with 3+2 or 4+1 lobes, finely spotted with dull red on a white to greenish background.

Langloisia schottii (Torr.) Greene

List
Langloisia (13) ✓

10614 April 13, 1[illegible]
Arizona, Mohave Co. In
sandy soil in Sonora desert
in a broad, nearly flat
valley (Hualapai Valley)
35 miles northeast of
Kingman. Twp. 26 N.,
R. 15 W., S. 29. Elevation
about 2900'. Basal
leaves erect. Stems
cespitose-ascending.
Outer ligules achro-
mous, the inner
ones bright yellow.
Disk bright white,
annuals deciduous except
for the 2 inner awns.
Disk corolla 6 lobed
Mimosa

28 ✓

1965 - April 13, 1966
Same as Canada 1964.
Corolla limb bright
yellow, the throat
orange.

Linanthus aureus
(Nutt.) Greene

✓

Ipomopsis Linanthus (29) ✓

10616 - April 13, 1966.
Same place as 10614.
Rays yellow, mostly 8.
Disk orange.

Eriophyllum wallacei A. Gray

Eriophyllum wallacei. ✓6

16617-Ayer Id 13, 1966.
Lawn pea, east 0614.
Rooted. Corolla
minute, white
Nutlets all alike,
tuberculate, 1 mm long,
surpassed by the gynobase

Cryptantha micrantha
(Torr.) Johnst.

Cryptantha micrantha. T

10618 - April 13, 1966
Same place as 10614.
Corolla minute, white.
Growing with
#10619, but seemingly
distinct.

Pectocarya linearis
(R. & P.) DC.

var. platycarpa
(Munz & Johnst.) Cronq.

Pectocarya 15

10619 - April 13, 1966.
Same place as 10614
Corolla minute, white
Growing with # 10618
but seemingly
distinct

Pectocarya linearis
(R. & P.) DC.
var. platycarpa (Munz & Johnst.)
Crong.

769
Pectocarya (15) ✓

10620 April 14, 1966
Arizona, Yavapai Co.
In a gravelly (granitic)
drainage in Coleogyne-
-Yucca brevifolia-Larrea
desert north of Table Mt.
Plateau, about 35 miles
north-northwest (airline)
of Kingman. Twp. 27 N.,
R. 18 W., S. 9. Elevation
about 3,600'. Aromatic
shrubs 4-10 dm. tall.
Leaves gray. Flowers
blue-lavender

Salvia dorrii (Kell.) Abrams,
sens. lat.

Salvia dorrii (15) ✓

10621 - April 14, 1966
Arizona, Mohave Co.
Gravelly, granitic gentle
slope in Coleogyne -
- Yucca brevifolia - Low
desert north of the
Mt. Plateau, about 35
miles (airline) north -
-northwest of Kingman.
Twp. 27N., R. 15W., S.9.
Elevation about 3600'.
Shrubs 4-12 dm. tall.
Leaves and young twigs
glutinous. Heads yellow.
Rays 8-13, of the 10.
Haplopappus linearifolius DC.
var. interior (Coville) Jones
219
Haplopappus (35)

10622 - April 14, 19[illegible]
Arizona Rhodacrs Co.
Cliff-covered rocky
and adjacent large deposits
of pale, unsorted volcanic
tuff, in the Black Mts.
s. of Battleship Mt.,
about 4 airline miles
east-northeast of Oat-
man. Twp. 19N., R. 19W.,
near the corner of sections
8, 9, 16 and 17. Larrea-ocotillo
-juniper and jumping cholla
community. Stems clustered
on a large, fibrous-rooted,
brown-woolly crown. Flowers
lavender-pink.
Perezia wrightii A. Gray
(Comp. 63 A 15)

10623. April 15, 1941
Arizona, Mohave Co.
On gravelly, granite-porphyry
knolls in Sonoran desert a
scant 2 miles southwest
of Oatman. Twp. 19N., R.
20W. S. 27. Elevation 2400'.
Broad, low shrubs 2-5
dm. tall. Perianth
purple. Upper petals
united by their claws.

Krameria parvifolia Benth.
var. imparata Macbride

Krameria (5)

10624 - April 15, 1966
Arizona, Mohave Co.
Along a gravelly
(granite-porphyry) dry
wash in Sonora desert a
scant 2 mi. southwest
of Dolan Springs, Twp. 19 N.,
R. 20 W., S. 27. Elevation
2400'. Corolla white.

Chaenactis Fremontii
A. Gray

Chaenactis fremontii (3?)

10625 April 16, 1936
California, San Bernardino Co
In sandy, gravelly (granitic)
soil on gentle west slope
in Parula community in
Pinte Valley, 25 miles
south of Searchlight, Nevada
Twp. 12 N., R. 20 E., S. 21.
Elevation 2500'.
Herbage blue-glaucous.
Flowers bright orange-yellow.

Eschscholtzia
minutiflora Wats.

Eschscholtzia (16)

10626 - April 16, 1966
California, San Bernardino Co.
Parasitic on Franseria in
Lanfair desert, sandy, gravelly
(granitic) gentle west slope in
Pinto Valley, 25 miles south of
Searchlight, Nevada. Twp. 12 N.,
R. 20 E., S. 21. Elevation 2500'.
Stems buried up to the
inflorescence. Corolla
dull purplish, the upper
lips reflexed and darker
than the projecting to
somewhat reflexed
lower one, which is
marked with yellow and
white at the base.
Orobanche ludoviciana Nutt.
var. cooperi (Gray) G. Beck
Orobanche (3)

10627 - April 16, 1966
California, San Bernardino Co.
Same place as 10625.
Flowers white, turning
pinkish. Tip of the inflor-
escence nodding when young.

Oenothera refracta Wats.

Oenothera - named by ...

10628 - April 16, 1966,
Same place as 10625.
Stems notably white.
Flowers white.

Oenothera boothii Dougl.
var. coloensata (Munz)

Oenothera (3)

10627 - August 16, 1966
California, San Bernardino Co
Same place as 10625.
Perianth segments red
medially, becoming
whitish at the borders.

Eriogonum maculatum
Heller
det. James Reveal

✓

907
Eriogonum (3) ✓

10630 - April 16, 1906
Calif.; San Bernardino Co.
Same place as 10629
Corolla strictly regular,
blue-lavender, with
inconspicuous darker
guidelines.

Langloisia setosissima
(T. & G.) Greene

/

Langloisia (10) ✓

10631 - April 16, 1926
Calif, San Bernardino Co
same place as 10625
Plants prostrate. Disk
yellow. Rays about 13
(to 15), white, turning
lavender in age.

Monoptilon bellioides
(A. Gray) Hall

9.11

Townsendia? (4) /

10632 - April 19, 1962
Nevada, Clark Co.
On gravelly outwash slope from the southwest end of the Sheep Mts., a little over 4 miles northwest of Desert Game Range Station, and nearly 30 airline miles northwest of Las Vegas. Twp. 17 S., R. 59 E., S. 4. Elevation 3400'. Larrea - Yucca brevifolia community. Plants short-lived perennials, blooming at least twice. Corolla white with a yellow eye.
Cryptantha virginensis (Jones) Payson
Oreocarya
35 ✓

10633 - April 17, 1966
Nevada Clark Co. In gravelly detrital valley between the Sheep Range and the Desert Range, 11 miles north of Desert Game Range Station, and about 35 airline miles northwest of Las Vegas. Larrea - Atriplex - Yucca brevifolia community. T. 19 S. R. 59 E., S. 9. Elevation 3800'. Leaves glaucous. Rays white, or faintly anthocyanic outside, with a yellow base, so that the head has a yellow eye.
Atrichoseris platyphylla
Jaeckery (14) ✓ ✓ A. Gray

10634 - April 17, 1966.
Same plan as 10633.
Rays yellow, 17-28,
often about 21. Disk
orange.

Enceliopsis nudicaulis
(A. Gray) A. Nels.
var. nudicaulis

90

Enceliopsis (10) ✓

10635 - April 17, 1942
Nevada, Lincoln Co.
Rocky (basaltic) gravelly
draw between Desert Range
and East Desert Range,
about 0.3 miles south of the
saddle connecting them,
about 50 airline miles
north of Las Vegas. Un-
surveyed area, about
Twp. 13 S., R. 60 E., S. 7.
Elevation about 5000'.
Plants monocarpic, biennial
or perhaps triennial, single-
stemmed. Rhabdyeldan,
with about 13 rays.
(Coleogyne - Yucca brevifolia zone.
Senecio multilobatus T. & G.,
Senecio (1) / sens. lat.

10636 - April 17, 1906
Nevada, Lincoln Co.
Range plateau 10635.
Bracts scarlet or nearly so.
Colonyne - Yucca brevifolia
Zone.

Castilleja chromosa A. Nels.

Castilleja (4) ✓ 21.9

10621 - Apr. 27, 1940
Nevada, Lincoln Co. along a wash between Desert Range and East Desert Range, 4 miles north of the saddle connecting them, 50+ miles north of Las Vegas. Unsurveyed area: about Twp. 12S., R. 60E., S. 19, 20, 29 or 30. Elevation about 4200'. Joshua tree zone, at the upper edge of the Larrea community. Plants megalitic. Corolla limb blue-lavender, the throat yellow with a distal white ring. Phacelia fremontii Torr. Thacelia fremontii (15)

10638 - Aug. 17, 1911
Nevada, Lincoln Co.,
Same place as 10637.
Stems clustered on a
very coarse, woody,
branched caudex sur-
mounting a taproot.
Corolla bluish white or
washed with lavender,
the tube and throat
dark greenish. Glabrous
and hairy plants inter-
mingled.

Amsonia tomentosa
Torr. & Frem.

Amsonia (4)

10639. April 19, 1966
Nevada, Nye Co., along
a gravelly dry wash
in flat country in
Pahute-Fraunia desert
about 20 miles east-
southeast of Lathrop
Wells. Twp 16S., R. 47E.,
near the corner of sections
15, 16, 21 and 22. Elevation
just under 2800'.
Shrubs up to about 1 m. tall.
Rays yellow, mostly about
13, sometimes 8 or 21.
Disk orange.
Senecio douglasii DC.
var. monoensis (Greene) Jeps.
Leaves of type no. 23

10640 April 19, 1966
Same place as 10639.
Broad, low, thorny
shrubs up to about 6
ft. tall. Flowers
dark violet-purple.

Dalea fremontii Torr.

Dalea fremontii (6) V

10641 - April 19, 1966
Nevada Nye Co.
In flat, gravelly, Larrea-Franseria desert about 20 miles last-southeast of Lathrop Wells, T. 14 S., R. 52 E., near the corner of sections 15, 16, 21 and 22.
Corolla strictly regular, the limb evidently purple dotted and white or nearly white background.

Langloisia punctata
(Coville) Goodding

Langloisia

10642 - April 19, 1966
Nevada, Nye Co.
With Atriplex and Lepidium
frenmontii in alkaline soil
just above the southwest
side of a large playa, 15
miles (airline) southeast
of Lathrop Wells. Twp.
17S., R. 51E., S. 20.
Elevation about +2300'.
Stems in mid-developed
plants prostrate with
upturned tips. Leaves
slightly succulent.
Flowers yellow

Lepidium flavum Torr.

Lepidium flavum 35

10643 – April 19, 1966
Nevada, Nye Co.
Gravelly, alkaline slopes about a low summit in Lanes Desert about 15 miles airline southeast of Lathrop Wells, and about 2 miles from the southwest edge of a large playa. T. 13 S., R. 51 E., S. 30. Elevation 2500'. Plants dioecious, mostly 3-5 dm. tall.

Atriplex hymenelytra
(Torr.) S. Wats. ✓
Atriplex hymenelytra ♀ ✓

1066 April 20 1966
Nevada, Nye Co. Gravelly
alkaline gentle slopes
just southwest of a
large playa, 15 miles
(airline) southeast of
Lathrop Wells. Twp. 17S.,
R. 51E., about S, Sec.
Elevation about 2400'
Flowers lavender-purple.
Plants brittle and
slightly succulent.

Phacelia pachyphylla
Gray

phacelia pachyphylla 35

106 C 5 - April 20, 1966.
Same place as 106 C 4.
Flowers light yellow.
Peduncles of robust specimens sometimes slightly inflated.

Eriogonum inflatum
Torr. & Frem.

Eriogonum (26)

1066 - April 20, 1966
Same place as 1064.
Plants somewhat
succulent. Flowers
light yellow.

Oxystylis lutea Torr +
Frem.

Oxystylis lutea (13) V

1647. April 20, 1966.
Nevada, Nye Co. In somewhat alkaline playa desert overlooking the southeast side of a large playa, about 15 mi. (airline), southeast of Fallon Wells. T. 13 N., R. 51 E., about S. 20, Elevation about 4000'. Corolla regular, the limb evidently speckled and lined with purple on a nearly white background.

Langloisia punctata
(Coville) Goodding
Langloisia (S.) ✓

10648— [illegible] 1936
Nye Co., Nevada. About
outcrops of a pale, hard
limestone which
weathers to a white,
alkaline soil, in
[illegible] about the
southwest side of a
[redacted] playa, about 15
miles (airline) southeast
of Lathrop Wells. Twp.
17S R. 51 E., about S. 20 e.
Elevation about 3400'.
Rays 11-23, yellow-rich
orange.
Encelia[illegible]psis nudicaulis (A. Gray)
A. Nels.
Var. corrugata Cronq.
1 Holotype; 19 Isotypes

10649 - April 20, 1966
Mineral Cone Dr.
Crevices of rocky [illegible]
ridge in arroyo desert
a mile northeast of
Devil's Hole, about 15
miles (airline) south-
east of Salthrop Wells.
Twp. 17S., R. 5 E. S. 34.
Elevation about 2500'.
Intricately branched
shrubs 3-6 dm. tall.
Heads yellow, with 0-2
rays.

Amphipappus fremontii T. & G.

1231
Amphipappus (25) ✓

10649 - April 20, 1966
Nevada, Pope Co.
Crevices of rocky [illegible]
ridge in [illegible] desert
a mile northeast of
Devil's Hole, about 15
miles (airline) south-
east of Fathrops Wells.
Twp. 17S., R. 51E. S. 34.
Elevation about 2500'.
Intricately branched
shrubs 3-6 dm. tall.
Heads yellow, with 40-2
rays.

Amphipappus fremontii T.+G.
1231
Amphipappus (25) ✓

806.2

31.6

945.1

4131.3

Pegram 22.400
Mesquite 2371.5
Riverside Jct 181.1
Muddy R. 201.3
Camp 285.2
Jct 905
Dam 73.2
Kingman 363.
Peach Springs 777.7
camp. 84.7
Jct 388
Truxton Cyn Jct 234 W.
Wikieup 465
Jct 472.7
camp. 75.4
Jct 712.4
Searchlight 747.
Jct 765.6

3300 ft
21 mi

BR 065 11.2 mi

Y U
OKSTORE